

Docket No.: NIW-031US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hiroo Muramoto *et al.*

International Application No. PCT/JP2004/000576

Confirmation No.:

International Filing Date: 23 January 2004

Application No.: NEW APPLICATION

Filed: Concurrently Herewith

Art Unit: N/A

For: COMPOSITION FOR POLYMER SOLID  
ELECTROLYTE, POLYMER SOLID  
ELECTROLYTE, POLYMER, POLYMER  
SOLID ELECTROLYTE BATTERY, ION-  
CONDUCTIVE MEMBRANE,  
COPOLYMER AND PROCESS FOR  
PRODUCING THE COPOLYMER

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.B./

Application No.: NEW APPLICATION

Docket No.: NIW-031US

Citations B1-B9 and C1-C3 were cited in an International Search Report in the corresponding International patent application PCT/JP2004/000576. Since the foregoing publications and search report have previously been transmitted to all the designated Offices by the International Bureau, Applicants do not enclose copies of those publications herewith. However, copies of English abstracts for Citations B1-B9 are enclosed for the Examiner's convenience.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

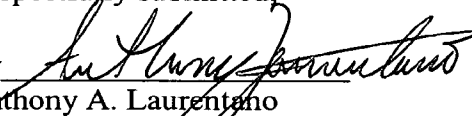
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. NIW-031US.

Dated: March 9, 2006

AAL/mch

Respectfully submitted,

By 

Anthony A. Laurentino  
Registration No.: 28,220  
LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, Massachusetts 02109  
(617) 227-7400  
(617) 742-4214 (Fax)  
Attorney/Agent For Applicant

APPROVED FOR USE THROUGH 07/31/2006

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	NEW APPLICATION
				Filing Date	Concurrently Herewith
				First Named Inventor	Hiroo MURAMOTO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	NIW-031US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/M.B./	B1	JP-2002-260441	09-13-2002	Ube Ind. Ltd.		Abstr.
/M.B./	B2	JP-2003-045226	02-14-2003	Ube Ind. Ltd.		Abstr.
/M.B./	B3	JP-05-120912	05-18-1993	Matsushita Electric Ind. Co. Ltd.		Abstr.
/M.B./	B4	JP-07-109321	04-25-1995	Shin Etsu Chem Co. Ltd.		Abstr.
/M.B./	B5	JP-07-230810	08-29-1995	Shin Etsu Chem. Co. Ltd.		Abstr.
/M.B./	B6	JP-10-045994	02-17-1998	Fukoku Co. Ltd. et al.		Abstr.
/M.B./	B7	JP-2003-518172	06-03-2003	Telefonaktiebolaget Ericsson L.M. et al.		Abstr.
/M.B./	B8	JP-2003-217594	07-31-2003	Nissan Motor Co. Ltd.		Abstr.
/M.B./	B9	JP-2004-107641	04-08-2004	Nippon Soda Co. Ltd.		Abstr.

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/M.B./	C1	Takeshi Shintani et al, "Characteristics of New-type solid electrolyte controlled nano-structure (1)," 2002 Nen Denki Kagaku Shuki Taikai Koen Yoshishu, 04 September, 2003 (04.09.03), The Electrochemical Society of Japan, Page 52, 2B31	
/M.B./	C2	Mikiya Shimada et al, "Characteristics of New-type solid electrolyte controlled nano-structure (2)," 2002 Nen Denki Kagaku Shuki Taikai Koen Yoshishu, 04 September, 2003 (04.09.03), The Electrochemical Society of Japan, page 53, 2B32	
/M.B./	C3	Kiyoshi Kanemura et al, "Evaluation of All Solid-State Rechargeable Lithium Battery with MES Polymer Electrolyte Using Electrochemical impedance Spectroscopy," 2002 Nen Denki Kagaku Shuki Taiiai Koen Yoshishu, 04 September, 2003 (04.09.03), The Electrochemical Society of Japan, p. 53, 2B33	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Michael Bernshteyn/	Date Considered	04/23/2008
-----------------------	----------------------	--------------------	------------

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.B./